Sharp-Cutoff Pentode

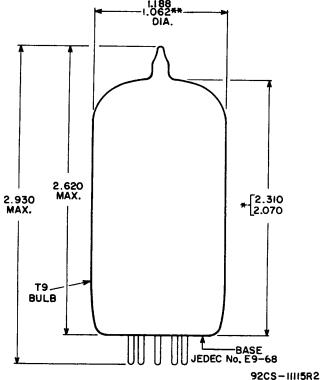
FRAME-GRID CONSTRUCTION T9 ENVELOPE 9-PIN LARGE-BUTTON NEONOVAL BASE
For Video Output Amplifier Service in Color TV Receivers
Electrical:
Heater Characteristics and Ratings: Heater—section arrangement Series Parallel Voltage (AC or DC)
DC component
Mechanical:
Operating Position
Pin 2 - Grid No.1 Pin 3 - Grid No.3 H (5) HM
Internal Shield Pin 4 - Heater Pin 5 - Heater Pin 6 - Heater Tap Pin 7 - Plate Pin 8 - Grid No. 2 Pin 9 - Grid No. 3, Internal Shield
Characteristics, Class A ₁ Amplifier:
Plate Supply Voltage

12HG7

Grid-No.2 Current 4.8 ma Grid-No.1 Voltage (Approx.)			
for plate $\mu a = 100$			
CLASS A AMPLIFIER			
Maximum Ratings, Design-Maximum Values:			
Plate Voltage	$\overline{}$		
Grid-No.1 (Control-Grid) Voltage: Positive-bias value 0 volts Grid-No.2 Input:			
For grid-No.2 voltages up to 165 volts 1 watt For grid-No.2 voltages between			
165 and 330 volts Input Rating Chart at front of Receiving Tube Section Plate Dissipation	~		
Maximum Circuit Values: Grid-No.1-Circuit Resistance:			
For fixed-bias operation 0.1 megohm For cathode-bias operation 0.25 megohm			
 At heater amperes = 0.260. At heater volts = 6.3. Without external shield. 			

JEDEC No.9-70 1.188 1.062** DIA.

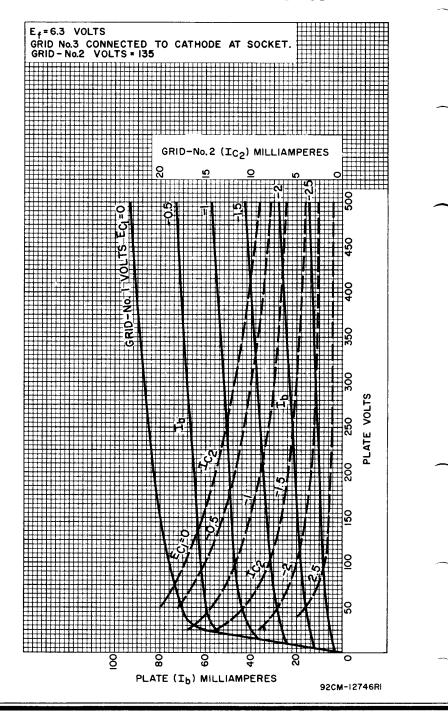
DIMENSIONAL OUTLINE



DIMENSIONS IN INCHES

- ** Applies in zone starting 0.375" from base seat.
- * Measured from base seat to bulb-top line as determined by a ring gauge of 0.600" inside diameter.

AVERAGE CHARACTERISTICS



AVERAGE CHARACTERISTICS

